

ABSTRACT OF THE DISCLOSURE

A method and apparatus for carrying out tomographic image processing that enables lung areas and a mediastinum in a chest tomographic image to be reproduced in one image with appropriate contrast is provided. Image data representing a chest tomographic image are obtained by using a tomography apparatus. Normalization means in a tomographic image processing apparatus normalizes the image data and obtains normalized image data. Compression processing means carries out dynamic range compression processing on the normalized image data to compress a high density range thereof. The image data after the compression processing are subjected to frequency enhancing processing, and the image data after the frequency enhancing processing are then subjected to tone conversion processing. The processed image data obtained in the above manner are reproduced by a reproduction apparatus.